FORM PTO-1449
(REV 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 02-24

Serial No.
10/691,923

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use several sheets if necessary)

Applicant(s):

Kevin M. Klucher, Pallavur V.
Sivakumar, Wayne R. Kindsvogel,
Katherine E. HendersonFiling Date:
October 23, 2003

Group: 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FH	A1	2003/0104416	06/05/03	Sheppard et al.	435	6	
	A2	2004/0029228	02/12/04	Presnell et al.	435	69.1	
	A3	2002/0039763	04/04/02	Sheppard et al.	435	69.1	
	A4	2004/0138122	07/15/04	Klucher et al.	514	12	
	A5	5,206,344	04/27/93	Katre et al.	530	351	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FH	A6	03/066002	08/14/03	WIPO			
	A7	02/086087	10/31/02	WIPO			
	A8	03/089603	10/30/03	WIPO			
	A9	02/20569	03/14/02	WIPO			
	A10	02/092762	11/21/02	WIPO			
	A11	0 032 134	07/15/81	EP			
	A12	04/037995	05/06/04	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

FH	A13		Kotenko et al., "IFN-λs mediate antiviral protection through a distinct class II cytokine receptor complex," <i>Nature Immunology</i> 4(1):69-77, 2003.
	A14		Sheppard et al., "IL-28, IL-29 and their class II cytokine receptor IL-28R," <i>Nature Immunology</i> 4(1):63-68, 2003.
	A15		Langer et al., "The Class II cytokine receptor (CRF2) family: overview and patterns of receptor-ligand interactions," <i>Cytokine and Growth Factor Reviews</i> 15:33-48, 2004.
	A16		Donnelly et al., "The expanded family of class II cytokines that share the IL-10 receptor-2 (IL-10R2) chain," <i>J. Leukocyte Biol.</i> 76:314-321, 2004.
	A17		Dumoutier et al., "Role of the Interleukin (IL)-28 Receptor Tyrosine Residues for Antiviral and Antiproliferative Activity of IL-29/Interferon-λ1," <i>J. Biochem.</i> 279(31):32269-32274, 2004.
	A18		University Calif. Santa Cruz Genome Browser - Chromosome 19, April 20, 2001.

Examiner

For Hand

Date considered

1/6/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-101 (REV 2-32) U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 02-24

Serial No.
10/691,923

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(3) several sheets if necessary)

Applicant(s):

Kevin M. Klucher, Pallavur V.
Sivakumar, Wayne R. Kindsvogel,
Katherine E. Henderson

Filing Date:

October 23, 2003

Group: 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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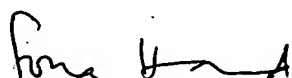
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

FH	A19	University Calif. Santa Cruz Genome Browser Database – August 6, 2001, Accession No. C19001210.
	A20	University Calif. Santa Cruz Genome Browser Database – August 6, 2001, Accession No. C19001212.
	A21	University Calif. Santa Cruz Genome Browser Database – August 6, 2001, Accession No. C19001213.
	A22	University Calif. Santa Cruz Genome Browser Database – December 22, 2001, Accession No. C19001260.
	A23	University Calif. Santa Cruz Genome Browser Database – December 22, 2001, Accession No. C19001256.
	A24	University Calif. Santa Cruz Genome Browser Database – December 22, 2001, Accession No. C19001257.
	A25	Ensembl Contig. View Sanger Institute – April 19, 2001, Accession No. AC011445.
	A26	Ensembl Contig. View Sanger Institute – April 18, 2000, Accession No. AC018477.
	A27	Adams et al., "3,400 expressed sequence tags identify diversity of transcripts from human brain," <i>Nat. Genet.</i> 4:256-267, 1993.
	A28	GenBank Submission XP-002202436, October 12, 2000.
	A29	GenBank Submission XP-002202437, December 12, 1999.
	A30	Kindsvogel et al., "Novel Interferon-Like Cytokines not Recognized by the Type I Interferon Receptor," <i>J. Interferon Cytokine Res.</i> 22(1):S-48, 2002.
	A31	Adams et al., Accession No. T07139, 1993.
A32	DOE Joint Genome Institute Stanford Human Genome Center, Accession No. AC011445, 1999.	
A33	Muzney et al., Accession No. AC007458, 1999.	

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Date considered

1/9/06

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FORM PTO 1449 (REV 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	File No. 02-24	Serial No. 10/691,923
		Applicant(s): Kevin M. Klucher, Pallavur V. Sivakumar, Wayne R. Kindsvogel, Katherine E. Henderson	
		Filing Date: October 23, 2003	Group: 1646

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

FH	A34		University of California Santa Cruz database using Softberry, Inc. gene prediction software, Accession No. C19001084, 2001.
I	A35		Scott et al., "The Pendred syndrome gene encodes a chloride-iodide transport protein," <i>Nature Genetics</i> , 21:440-443, 1999.
	A36		Korba et al., "A cell culture assay for compounds which inhibit hepatitis B virus replication," <i>Antiviral Research</i> 15:217-228, 1991.
	A37		Brack et al., "Molecular analysis of the human interferon- α gene family," <i>Gene</i> 15:379-394, 1981.
	A38		Francis et al., "PEGylation of cytokines and other therapeutic proteins and peptides: the importance of biological optimization of coupling techniques," <i>International Journal of Hematology</i> , 68(1):1-18, 1998.
	A39		Rajaratnam et al., "Disulfide Bridges in Interleukin-8 Probed Using Non-Natural Disulfide Analogues: dissociation of Roles in Structure from Function," <i>Biochemistry</i> 38:7653-7658, 1999.
	A40		Luxon et al., "Pegylated Interferons for the Treatment of Chronic Hepatitis C Infection," <i>Clinical Therapeutics</i> 24(9):1363-1383, 2002.
	A41		Kozlowski et al., "Improvements in protein OEGylation: pegylated interferons for treatment of hepatitis C," <i>Journal of Controlled Release</i> 72:217-224, 2001.
	A42		Goodson et al., "Site-Directed Pegylation of Recombinant Interleukin-2 at its Glycosylation Site," <i>BioTechnology</i> 8(4):343-346, 1990.
V	A43		Pettit et al., "Structure-Function Studies of Interleukin 15 using Site-specific Mutagenesis, Polyethylene Glycol Conjugation, and Homology Modeling," <i>J. Biochem</i> 272(4):2312-2318, 1997.

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